Setting the Unit of Measurement on Lens Data Displays when Using Master Primes
August 2, 2005

Summary
This note describes how to change the unit of measurement shown on the Lens Data Display Classic (LDD Classic) and on the Lens Data Display for Focus Puller (LDD-FP) when used with the Master Prime lenses.

Introduction
Even though the focus ring on the Master Primes can be easily reversed to change the unit of measurement from Meters to Feet, each lens also has an internal unit of measurement setting that does not change. To display the correct unit of measurement on the Lens Data Displays, it may be necessary to manually set the unit of measurement on the Lens Data Display Classic (LDD Classic) and on the Lens Data Display for Focus Puller (LDD-FP).

Setting the Unit of Measurement on the Lens Data Display for Focus Puller (LDD-FP)
- On the left side of the LDD-FP is a three position switch labeled "UNIT".
- Move the switch to the LENS (middle) position to display the unit of measurement that is set internally in the lens.
- Move the switch to the M (Meters) or FT (Feet) position to show values on the display in either feet or meter, disregarding of the internal setting of the lens.

Temporarily Setting the Unit of Measurement on the Lens Data Display Classic (LDD Classic)

It is possible to temporarily force the LDD Classic to display its values in either feet or meters. This setting will hold until the LDD Classic looses power.

- Turn the camera off.
- Press and hold the DOWN button on the display's left side to set the LDD Classic to a Feet scale.
- Press and hold the UP button on the display's left side to set the LDD Classic to a Meters scale.
- While still holding down the respective button, power the camera up. Once the blue ARRI logo appears on the LDD classic, you can let go of the button.
- The LDD Classic will now display the chosen unit of measurement, disregarding of the internal setting of the lens.

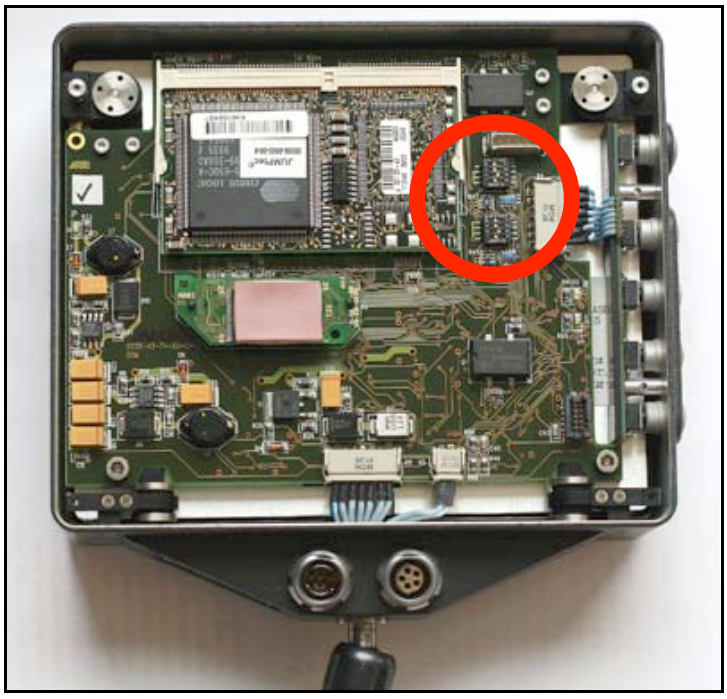
Permanently Setting the Unit of Measurement on the Lens Data Display Classic (LDD Classic)

By altering the settings of DIP switches behind the back cover of the LDD Classic, it is possible to permanently force the LDD Classic to display either Meters or Feet. This setting can always be overridden with the temporary method described above.

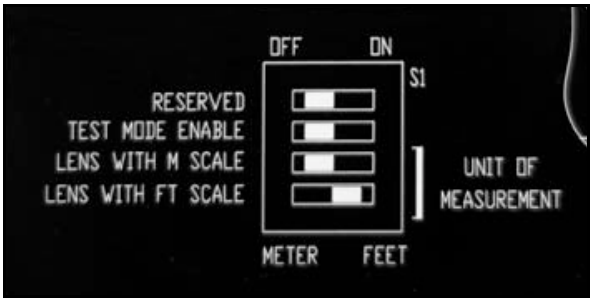
Warning

Opening the LDD Classic housing is a procedure that should only be attempted by trained personnel. ARRI is not responsible for any damage resulting from improper handling of electronic components.

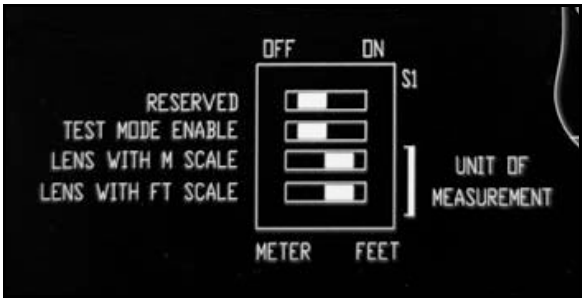
- Carefully remove the four Phillips screws at the back of the LDD Classic.
- Carefully remove the rear cover. In the right upper corner of the LDD Classic electronics (see drawing below) are two sets of DIP switches. The upper set governs the circle of confusion, and the lower two switches of the lower set govern the unit of measurement. On the inside of the cover is a drawing with the respective switch labels.



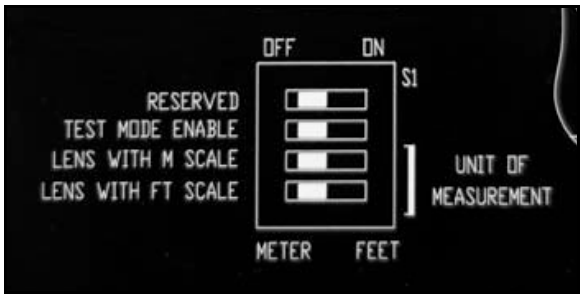
- The factory default is that the LDD Classic will display the unit of measurement that is set internally in the lens. For this setting, the third switch in the DIP switch field S1 is in the left position and the fourth switch is in the right position.



- To force the LDD Classic to display in Feet, move the third and fourth switch of the DIP switch field S1 to the right.



- To force the LDD Classic to display in Meters, move the third and fourth switch of the DIP switch field S1 to the left.



For more information on this issue, please contact your local ARRI representative.
Technical data are subject to change without notice.